

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: John Galbraith

Docket No.: S-99,917

Serial No.:

Examiner:

Filed :

Art Unit:

For : VISION-BASED OBSTACLE AVOIDANCE

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56, 1.97, AND 1.98**

Sir:

The documents listed below, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56.

1. Longuet-Higgins et al., "The Interpretation of a Moving Retinal Image," Proc. R. Soc. Lond. B 208, 385-397 (1990).
2. Nowlan et al., "A Selection Model for Motion Processing in Area MT of Primates," The Journal of Neuroscience, February 1995, 15(2): 1195-1214.

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

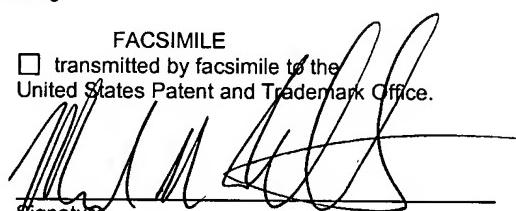
I hereby certify that this correspondence is, on the date shown below, being:

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## FACSIMILE

transmitted by facsimile to the  
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Signature

Mark N. Fitzgerald  
(type or print name of person certifying)

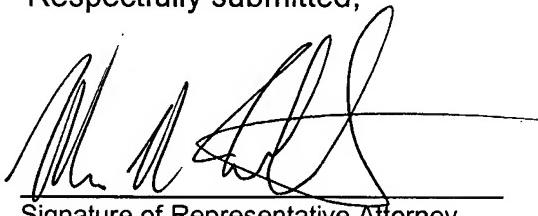
Date 10/17/2003

3. Adelson et al., "Spatiotemporal Energy Models for the Perception of Motion," J. Opt. Soc. Am. A/Vol. 2, No. 2, February 1985, 284-299.
4. Perrone, "Model for the Computation of Self-Motion in Biological Systems," Vol. 9, NO. / February 1992, J. Opt. Soc. Am. A, 177-194.
5. Grzywacz et al., "A Model for the Estimate of Local Image Velocity by Cells in the Visual Cortex," Proc. R. Soc. Lond. B 239, 129-161 (1990).

This Information Disclosure Statement is not to be construed as a representation that a search has been made or that additional matter material to the examination of this application does not exist. Applicant does not believe that any of these citations constitutes prior art under 35 U.S.C. 102.

It is requested that the above citations be made of record in the prosecution of this application.

Respectfully submitted,



A handwritten signature in black ink, appearing to read "Mark N. Fitzgerald". It is written in a cursive, fluid style with some loops and variations in thickness.

Signature of Representative Attorney

Date: 10/17/2003

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Sheet 1 of 2

Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office								Attorney Docket No. S-99,917	Serial No.
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>								Applicant(s) John Galbraith	
								Filing Date	Group
37 CFR 1.98(b)									
<b>U.S. PATENTS DOCUMENTS</b>									
EXAMINER INITIAL	PATENT NUMBER				ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>									
EXAMINER INITIAL	PATENT NUMBER				ISSUE DATE	COUNTRY	CLASS	SUB CLASS	Translation YES NO
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Place of Publication)									
	Longuet-Higgins et al., "The Interpretation of a Moving Retinal Image," Proc. R. Soc. Lond. B 208, 385-397 (1990).								
	Nowlan et al., "A Selection Model for Motion Processing in Area MT of Primates," The Journal of Neuroscience, February 1995, 15(2): 1195-1214.								
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EXAMINER:						DATE CONSIDERED:			
*EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.  S-99,917	Serial No.
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